

Claim Listing:

This listing of claims will replace all prior versions and listings of claims in the application.

1. - 52. (cancelled)

53. (currently amended) A method for promoting auto-induction of transcription of cloned DNA in bacterial cells grown batchwise, which cells are adapted for use in expression of cloned DNA selected from the group consisting of BL21(DE3), B834(DE3), HMS174(DE3) and derivatives thereof, said transcription being under the control of a lac or lacUV5 promoter, the method comprising:

- a) providing a culture medium selected from the group consisting of ZYP-5052, PA-5052, P-5052, PASM-5052, MAS-15052, MS-15052, ZYM-15052 and combinations thereof;
- b) inoculating said culture medium with an inoculum of a said bacterial cells; and
- c) incubating the inoculated culture medium of step b) under conditions for growth of said cells until a saturating cell density has been achieved.

54. (new) A method for promoting auto-induction of expression in T7 expression system host cells grown batchwise, said method comprising:

- a) providing a culture medium selected from the group consisting of ZYP-5052, PA-5052, P-5052,

PASM-5052, MAS-15052, MS-15052, ZYM-15052 and combinations thereof;

- 10 b) inoculating said culture medium with an inoculum of a said host cells; and
c) incubating the inoculated culture medium of step b) under conditions for growth of said cells until a saturating cell density has been achieved.

55. (new) The method according to Claim 54 wherein said T7 expression system host cells are selected from the group consisting of Escherichia coli, Bacillus subtilis, Ralstonia eutrophus, Salmonella enterica serovar Typhimurium, Pseudomonads and Rhodobacter capsulatus T7 expression system host cells.

56. (new) The method according to Claim 55 wherein the T7 expression system host cells are Escherichia coli T7 expression system host cells.

57. (new) The method according to Claim 56 wherein the host cells are selected from the group consisting of BL21(DE3), B834(DE3), HMS174(DE3) and derivatives thereof.

58. (new) The method according to Claim 54 wherein the T7 expression system host cells further comprise a target DNA in a T7 plasmid expression vector, which target DNA optionally comprises a coding sequence for a target protein.

59. (new) The method according to Claim 58 wherein the target DNA is transcribed.

60. (new) The method according to Claim 59 wherein the transcripts of the target DNA are translated into said target protein.